



Conference

**ESCAPE to the Future** | 25-26 October 2022

Royal Belgian Institute of Natural Sciences | Brussels, Belgium

## 25 October 2022, 16:35 - 18:15 **ESCAPE Panel Discussion**

The valuable return of investment of the H2020 ESCAPE project and the rationale for a long-term engagement of the astrophysics and particle physics community in the ERA

### Chair:



**Ian Bird**  
*ESCAPE Technical  
Coordinator  
LAPP - CNRS-IN2P3*

### Panellists:



**Christophe Arviset**  
*ESA*



**Antonio Chrysostomou**  
*SKAO*



**Paco Colomer**  
*JIVE, ERIC*



**Federico Ferrini**  
*CTAO*



**Apostolia Karamali**  
*European Commission*



**Martino Romaniello**  
*ESO*



# Questions to....

**Apostolia Karamali**  
**(Head of Unit R&I Actors and Research  
Careers at the European Commission)**



Fundamental research is essential for ensuring excellence, attractiveness and the competitive edge of Research & Innovation ecosystems. In Physics, as it is the case for the ESCAPE work programme, researchers combine fundamental research and technological innovation together. The new ERA should leverage such an excellence and such a capacity.

- **What are the main ERA action priorities in Horizon Europe that have been addressed by the ERAC (European Research Area and Innovation Committee) during recent meeting?**
- **Where do you believe ESCAPE partners should prioritise their efforts and contributions in the following months?**
- **How do you see the results of ESCAPE as well as the other science clusters supporting the “synergies” programme and “ESFRI” sustainability, playing an operational role in ERA?**

# Questions to....

**Federico Ferrini**  
(CTAO Director)



CTAO is going to become an ERIC. From your point of view...

**In order to enhance the participation of the CTA scientific community in the uptake of the Open Intensive Data Research, what are the key elements/actions/values that deserve to be considered to keep the pace of the ESCAPE programme? How CTAO and CTA community will work within ESCAPE in the next years?**

# Questions to....

**Paco Colomer**  
**(JIVE Director and ERIC**  
**Forum Chair)**



On the same question but in particular from the point of view of a RI in operation such as JIVE.

**Which is the role of the cluster and what would you like to look forward to increasing the impact of the cluster approach in Horizon Europe for JIVE and fundamental research?**

# Questions to....

**Christophe Arviset**  
(ESA and on behalf of E-EAB)



As a member of the ESCAPE-External Advisory Board, Christophe, you have been monitoring the progress of our project as well as have provided suggestions and addresses to increase the cluster impact.

From the point of view of the ESCAPE-External Advisory Board, for the benefit of the scientific community,  
**what do you think is the value of the ESCAPE experience and what are the major expectations or the future work programme of the science clusters?**

Thanks from your inside view of ESCAPE and with the idea of bringing more space science in ESCAPE,  
**how could ESA contribute or leverage what the Science Cluster is able to develop in the future and how ESCAPE could work for linking the ESA “open science programme” with the domain-based implementation of EOSC?**

# Questions to....

**Martino Romaniello**  
**(Head of ESO's Back-end Operations Department  
and Chair of ESCAPE General Assembly)**



ESO has supported the VO development and the integration of the VO alliance experience in Astronomy with the actions led by other communities within ESCAPE. It was a gamble and also an opportunity.

**What is the balance at this point in the project and what do you think ESO still needs to do in the future to make the cluster action a success?**

**What are the next collective challenges? Are they still sociological, technological, scientific, global?**

# Questions to....

**Antonio Chrysostomou**  
**(SKAO Deputy Director of Operations)**



The ESCAPE collaboration will represent and operate cross-RI competences in data management.  
**Can we envisage such competences and related services built by ESCAPE as lever arms for further support of the operation of “regional data management” for the future SKAO scientific exploitation?**

As per the strategy of the particle physics in Europe document: “The development of policies on open data and data preservation should be encouraged and sufficient resources invested in their implementation... ESCAPE is an example of this.”  
**From the perspective of SKAO and SKA regional centres what do you see that ESCAPE has enabled that wouldn’t have been possible without? What are the priorities and the domains where ESCAPE should focus its efforts in the future for the benefit of radio astronomy and SKA? How relevant could the role of the science cluster be in the future for SKA science and SKAO operations?**

## Questions to....

**Federico Ferrini**  
(CTAO Director)



**Do you see any collaborative ESFRI operational role / competence centre that could be seconded centrally to ESCAPE by all ESFRI partners as well as for the benefit of any new generation RI to come and/or to be constructed?**



# Questions to....



**Martino Romaniello**  
**(Head of ESO's Back-end Operations Department  
and Chair of ESCAPE General Assembly)**



**Antonio Chrysostomou**  
**(SKAO Deputy Director of Operations)**

**Do you see other aspects where you can conjugate ESCAPE, with your international organizations as well as with regional initiatives?**

## Questions to....

**Apostolia Karamali**  
(Head of Unit R&I Actors and Research  
Careers at the European Commission)



**ESCAPE partners during the years of the project have elaborated some relevant challenges and recommendations for RIs for the future which we would like to formally contribute to as part of the stakeholders' consultation phase of the work programme in shaping as well as in planning its impactful evolution – can this be considered feasible?**

# Any questions/comments from the audience?



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# Thank you